

AMENDMENT to the CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the patent and application:

Listing of Claims:

1. (Original) In a telescopic gunsight having an optical system comprised of a forward objective lens element, a rear eyepiece lens element and intervening erector lens element, said elements being aligned upon an optical axis constituting a line of sight and protectively confined within an elongated tubular housing adapted to be securely affixed to a rifle, the improvement comprising the addition into said optical system, between said objective and erector lens elements of a transparent reticle having distance-measuring and aiming indicia, said indicia comprising orthogonally intersecting center vertical and center horizontal straight hairlines, said center vertical and center horizontal hairlines having radially distal portions which are widened so as to form posts having radially directed innermost and outermost extremities, and four straight horizontal range-marker hairlines of sequentially incremental length disposed below said center horizontal hairline in vertically bisected relationship with said center vertical hairline.

2. (Original) The telescopic gunsight of claim 1 wherein the intersection of said center vertical and center horizontal hairlines constitutes a center point which defines a bullet impact point at 100 and 200 yards.

3. (Previously presented) The telescopic gunsight of claim 2 wherein the [sites of] intersection of said first, second, third and fourth range-marker hairlines with said vertical

hairline constitute first, second, third and fourth alternative bullet impact points, respectively, at ranges of 300, 400, 500 and 600 yards, respectively.

4. (Original) The telescopic gunsight of claim 1 wherein the innermost extremities of said posts are disposed upon a circular locus about said center point.

5. (Previously presented) The telescopic gunsight of claim 1 wherein [the dimension of the various features of said reticle] at least one of said indicia [correspond] corresponds to inches of subtention at 100 yards.

6. (Previously presented) The telescopic gunsight of claim 5 wherein the width of the unwidened portions of said center vertical and center horizontal hairlines is 0.6 inches of subtention at 100 yards.

7. (Previously presented) The telescopic gunsight of claim 5 wherein the distance between [said] a center point and the innermost extremities of said posts is 25 inches of subtention at 100 yards.

8. (Previously presented) The telescopic gunsight of claim 5 wherein [the] distances of separation of said [range marker] range-marker [lines] hairlines from [said] a center point are such as to cause the sequential spacing between said [range marker] range-marker [lines] hairlines to progressively increase.

9. (Previously presented) The telescopic gunsight of claim 5 wherein [the] distances of separation of said first, second, third and fourth [range marker] range-marker [lines] hairlines from [said] a center point are 2.0, 4.8, 7.5 and 10.5 inches, respectively.

10. (Previously presented) The telescopic gunsight of claim 5 wherein [the] lengths of said first, second, third and fourth [range marker] range-marker [lines] hairlines are 4.12, 5.90, 8.32 and 9.72 inches, respectively.

11 - 37 (Cancelled).

38. (Previously presented) The telescopic gunsight of claim 5 wherein distances of separation of said first and second range-marker hairlines from a center point are 2.0 and 4.8 inches of subtention at 100 yards, respectively.

39. (Previously presented) The telescopic gunsight of claim 38 wherein a distance of separation of said third range-marker hairline from a center point is 7.5 inches of subtention at 100 yards.

40. (Previously presented) The telescopic gunsight of claim 38 wherein a distance of separation of said fourth range-marker hairline from a center point is 10.5 inches of subtention at 100 yards.

41. (Previously presented) In a telescopic gunsight having an optical system comprised of a forward objective lens element, a rear eyepiece lens element and an intervening erector lens element, said elements being aligned upon an optical axis constituting a line of sight and protectively confined within an elongated tubular housing, the improvement comprising addition into said optical system between said objective and erector lens elements of a reticle having distance-measuring and aiming indicia, said indicia comprising center vertical and center horizontal hairlines orthogonally intersecting and approximately bisecting each other at a center point, said vertical and horizontal hairlines having radially distal post portions, and at least four

horizontal range-marker hairlines disposed below said center horizontal hairline, including one or more construction criteria selected from the group of:

- (a) distances of separation of said first and second horizontal range-marker hairlines from a center point are approximately 2.0 and 4.8 inches of subtention at 100 yards, respectively,
- (b) a distance of separation of said third horizontal range-marker hairline from said center point is approximately 7.5 inches of subtention at 100 yards,
- (c) a distance of separation of said fourth horizontal range-marker hairline from said center point is approximately 10.5 inches of subtention at 100 yards,
- (d) lengths of said first and second horizontal range-marker hairlines are approximately 4.12 and 5.90 inches of subtention at 100 yards, respectively,
- (e) a length of said third horizontal range-marker hairline is approximately 8.32 inches of subtention at 100 yards, and
- (f) a length of said fourth horizontal range-marker hairline is approximately 9.72 inches of subtention at 100 yards.

42. (Previously presented) The telescopic gunsight of claim 41 wherein the intersection of said vertical and horizontal hairlines constitutes a center point which defines a bullet impact point.

43. (Previously presented) The telescopic gunsight of claim 42 wherein at least two of said range-marker hairlines intersect with said vertical hairline constituting at least first and second bullet impact points, respectively, at ranges of 300 yards and 400 yards, respectively.

44. (Previously presented) The telescopic gunsight of claim 41 wherein at least one of said radially distal post portions of said vertical and horizontal hairlines is widened.

45. (Previously presented) The telescopic gunsight of claim 44 wherein at least one radially distal portion has an innermost extremity of said post or posts disposed upon a circular locus about a center point which defines a bullet impact point.

46. (Previously presented) The telescopic gunsight of claim 41 wherein at least one of said indicia corresponds to inches of subtention at 100 yards.

47. (Previously presented) The telescopic gunsight of claim 41 wherein the distance between said center point and the innermost extremities of said posts is 25 inches.

48. (Previously presented) The telescopic gunsight of claim 41 wherein distances of separation of said range-marker hairlines from a center point are such as to cause sequential spacing between said range-marker hairlines to progressively increase.

Claims 49 - 57 (Cancelled).